How to generate user reports as CSV files in Ezeelogin?

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Exporting Remote Server Access Data for SSH Gateway users as CSV Files.

Overview: This article explains how to generate CSV reports of Gateway users.

> **Note: Running the below scripts will prompt for the Ezeelogin administrator password. The Ezeelogin administrator password (super admin user) is the user's password created at the time of installation.**
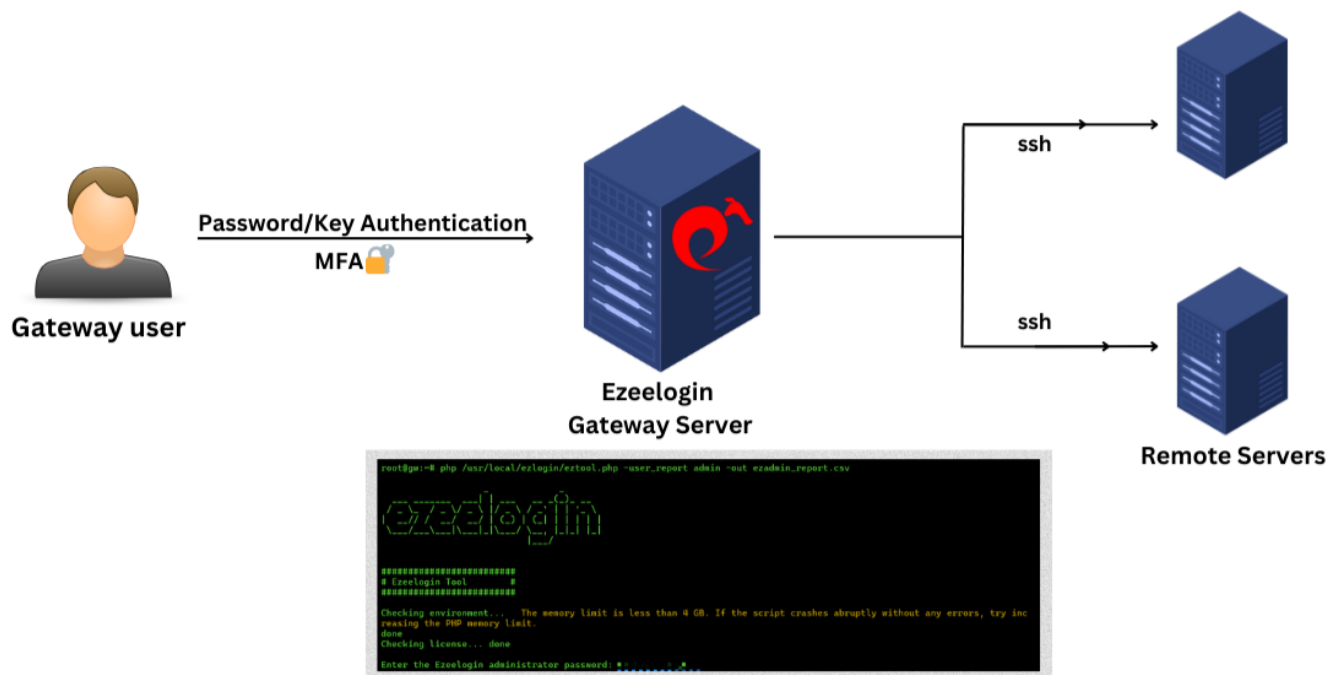
1. Run the following script to generate reports for all users.

```
root@gateway:# php  /usr/local/ezlogin/eztool.php  -user_report -out
filename.csv
```

2. Run the following script to generate the report for a single user.

```
root@gateway:# php  /usr/local/ezlogin/eztool.php  -user_report
username -out filename.csv
```

3. Run the following script to generate the report for multiple users.

```
root@gateway:# php  /usr/local/ezlogin/eztool.php  -user_report
username1,username2 -out filename.csv
```

For example, the following script generates the report for all users in Ezeelogin to the " **allreport.csv** " file.

```
root@gateway:# php /usr/local/ezlogin/eztool.php -user_report -out
allreport.csv

 ########################
 # Ezeelogin Tool #
 ########################

Checking environment... The memory limit is less than 4 GB. If the
script crashes abruptly without any errors, try increasing the PHP
memory limit.
 done (1736)
 Checking license... done (1991)

Enter the Ezeelogin administrator password: Admin!2345
```

The content of the " **allreport.csv** " file is shown below.

```
root@gateway:# cat allreport.csv

username,firstname,lastname,email,usergroup,status,last_login_at,last
_login_from,user_c
reated,user_expiry,servername,IP,description,servergroup,ssh_user

admin,Administrator,,,Admins,Active,"2021-12-10
04:50:15",192.168.29.29,"2021-12-01
06:26:09",Never,gw.ezee.co,192.168.29.178,,linux-servers,tech
admin,Administrator,,,Admins,Active,"2021-12-10
04:50:15",192.168.29.29,"2021-12-01 06:26:09",Never,sub-jake-
linu16,192.168.29.254,,linux-servers,root
admin,Administrator,,,Admins,Active,"2021-12-10
04:50:15",192.168.29.29,"2021-12-01 06:26:09",Never,Ad-wind-
```

```
RDP,192.168.29.79,,RDP-machine,Administrator
monica,monica,,monica@lew.co,Dummy,Active,"2021-12-01
07:29:04",127.0.0.1,"2021-12-01
07:27:47",Never,gw.ezee.co,192.168.29.178,,linux-servers,jake
monica,monica,,monica@lew.co,Dummy,Active,"2021-12-01
07:29:04",127.0.0.1,"2021-12-01 07:27:47",Never,sub-jake-
linu16,192.168.29.254,,linux-servers,jake
decker,decker,,decker@lew.co,Dummy,Active,"2021-12-01
07:46:24",127.0.0.1,"2021-12-01 07:31:44",Never,sub-jake-
linu16,192.168.29.254,,linux-servers,root
```

The following example shows how to view the list of servers that a user has.

```
root@gateway:#  php /usr/local/ezlogin/eztool.php -user_report
ezadmin -out ezadmin_report.csv

root@gateway:# cat ezadmin_report.csv

username,firstname,lastname,email,usergroup,status,last_login_at,last
_login_from,user_created,user_expiry,servername,ip,description,server
group,ssh_user

ezadmin,Administrator,,,Admins,Active,"2022-12-08
06:44:01",192.168.1.3,"2022-12-06
11:12:30",Never,centos.server,192.168.1.2,,production.server,root
ezadmin,Administrator,,,Admins,Active,"2022-12-08
06:44:01",192.168.1.3,"2022-12-06
11:12:30",Never,ubuntu.server,192.168.1.1,,production.server,root
```

How to generate user report with gateway user's login details?

Run below command on gateway server to generate csv file with user login details.

```
root@gateway:#  mysql -u root -p -e "USE $(grep -oP 'db_names+KS+'
/usr/local/etc/ezlogin/ez.conf); select
id,firstname,username,last_login_at,last_login_from from $(grep -oP
'db_prefixs+KS+' /usr/local/etc/ezlogin/ez.conf)users;" --batch --raw
| sed 's/t/,/g' > user_login_details.csv
```

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